

TOP SECRET

PRIORITY

OUT58742

P 090000Z
FM NPIC

113 JUN 29 00 30Z

25X1
25X1AFSSO PACAF
AFSSO ACIC
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CNO
CNSAZEM
TOP SECRET

CITE NPIC 7409.

25X1
25X1

SUBJECT: CAMERA INFORMATION FOR MISSION 1033-2.

1. THE FOLLOWING DATA REMAINS THE SAME AS REPORTED IN NPIC 7349, 9 JUN 19
 PARA 1, 2, 3, 4, AND 5.

2. IMAGE MOTION COMPENSATION DATA (CYCLE RATE (CPS), GROUND
 ANGULAR VELOCITY (GAV), AND PASSES WHERE USED).

| REF. LEVEL | AMPL. LEVEL | PASSES | | | | |
|------------|-------------|--------|-----|-------|-------|------------------|
| NO. | CPS. | GAV. | NO. | CPS. | GAV. | |
| 3 | .4033 | .0365 | 8 | .0490 | .0044 | 83A1 THRU 136D1 |
| 2 | .4182 | .0378 | 8 | .0490 | .0044 | 144A1 THRU 176D1 |

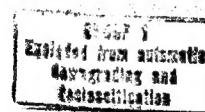
3. PROGRAM TIME DATA

| PASS | CAMERA ON TIME | | | | UP RAMP | PROGRAM DURATION |
|------|----------------|----|-----|-----|---------|------------------|
| | DAY | HR | MIN | SEC | | |
| 83A1 | 29 | 04 | 41 | 50 | 1749 | 123 |
| 83A2 | 29 | 04 | 44 | 59 | 1937 | 51 |
| 84A1 | 29 | 06 | 10 | 38 | 1749 | 264 |

| DISTRIBUTION | | |
|--------------|---------|--------|
| Off No. | Office | Action |
| 1 | File | |
| 2 | OS | |
| | ADMIN | |
| | SEC BR | |
| | P & DS | |
| | CSD | |
| | IPD | |
| | PD | |
| | PSD | |
| | PSD-ICB | |
| | TID | |
| | IAD | |
| | PAG | |
| | DIAXX-4 | |
| | SPAD | |
| | NSA-LO | |
| | DIA-AP | |

25X1

TOP SECRET



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| | | | | | | |
|-------|----|----|----|----|------|-----|
| 85D1 | 29 | 07 | 55 | 40 | 2723 | 49 |
| 86D1 | 29 | 09 | 23 | 16 | 2654 | 30 |
| 86D2 | 29 | 09 | 27 | 37 | 2915 | 30 |
| 87D1 | 29 | 10 | 47 | 41 | 2393 | 111 |
| 87D2 | 29 | 10 | 51 | 09 | 2600 | 42 |
| 87D3 | 29 | 10 | 53 | 22 | 2734 | 30 |
| 87D4 | 29 | 10 | 54 | 56 | 2827 | 29 |
| 88D1 | 29 | 12 | 18 | 41 | 2526 | 293 |
| 90A1 | 29 | 15 | 00 | 39 | 1592 | 51 |
| 96A1 | 29 | 23 | 56 | 31 | 1793 | 47 |
| 96D1 | 30 | 00 | 17 | 29 | 3051 | 42 |
| 98A1 | 30 | 02 | 52 | 28 | 1702 | 36 |
| 98A2 | 30 | 02 | 55 | 17 | 1872 | 48 |
| 99A1 | 30 | 04 | 21 | 57 | 1748 | 122 |
| 99A2 | 30 | 04 | 25 | 05 | 1936 | 51 |
| 100A1 | 30 | 05 | 50 | 41 | 1748 | 264 |
| 101D1 | 30 | 07 | 35 | 40 | 2723 | 48 |
| 102D1 | 30 | 09 | 03 | 15 | 2653 | 90 |
| 102D2 | 30 | 09 | 07 | 36 | 2914 | 30 |
| 102D3 | 30 | 09 | 11 | 56 | 3174 | 152 |
| 103D1 | 30 | 10 | 27 | 36 | 2392 | 249 |
| 103D2 | 30 | 10 | 33 | 17 | 2733 | 30 |
| 103D3 | 30 | 10 | 34 | 50 | 2826 | 29 |
| 104D1 | 30 | 11 | 58 | 32 | 2525 | 293 |
| 112A1 | 30 | 23 | 36 | 57 | 1597 | 47 |

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| | | | | | | |
|-------|----|----|----|----|------|-----|
| 112D1 | 30 | 23 | 57 | 57 | 2858 | 42 |
| 114A1 | 31 | 02 | 33 | 12 | 1506 | 36 |
| 114A2 | 31 | 02 | 36 | 02 | 1675 | 48 |
| 115A1 | 31 | 04 | 02 | 50 | 1552 | 122 |
| 115A2 | 31 | 04 | 05 | 58 | 1740 | 52 |
| 117D1 | 31 | 07 | 16 | 51 | 2527 | 49 |
| 118D1 | 31 | 08 | 44 | 32 | 2457 | 90 |
| 118D2 | 31 | 08 | 48 | 54 | 2719 | 30 |
| 119D1 | 31 | 10 | 10 | 19 | 2272 | 35 |
| 119D2 | 31 | 10 | 12 | 30 | 2403 | 42 |
| 119D3 | 31 | 10 | 16 | 16 | 2630 | 30 |
| 120D1 | 31 | 11 | 41 | 43 | 2425 | 199 |
| 127A1 | 31 | 21 | 44 | 11 | 1259 | 34 |
| 128A1 | 31 | 23 | 18 | 39 | 1596 | 46 |
| 128D1 | 31 | 23 | 39 | 38 | 2855 | 42 |
| 130A1 | 01 | 02 | 12 | 29 | 1367 | 175 |
| 130A2 | 01 | 02 | 17 | 37 | 1675 | 49 |
| 131A1 | 01 | 03 | 44 | 21 | 1550 | 121 |
| 131A2 | 01 | 03 | 47 | 29 | 1738 | 52 |
| 132A1 | 01 | 05 | 13 | 09 | 1550 | 264 |
| 133D1 | 01 | 06 | 58 | 13 | 2526 | 48 |
| 134D1 | 01 | 08 | 25 | 52 | 2456 | 30 |
| 134D2 | 01 | 08 | 30 | 13 | 2717 | 30 |
| 135D1 | 01 | 09 | 50 | 19 | 2195 | 111 |
| 135D2 | 01 | 09 | 53 | 46 | 2402 | 42 |

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| | | | | | | |
|-------|----|----|----|----|------|-----|
| 135D3 | 01 | 09 | 56 | 00 | 2536 | 30 |
| 135D4 | 01 | 09 | 57 | 32 | 2629 | 30 |
| 136D1 | 01 | 11 | 22 | 55 | 2423 | 198 |
| 144A1 | 01 | 22 | 59 | 09 | 1794 | 46 |
| 144D1 | 01 | 23 | 20 | 08 | 3052 | 42 |
| 146A1 | 02 | 01 | 55 | 08 | 1703 | 36 |
| 146A2 | 02 | 01 | 57 | 57 | 1872 | 49 |
| 147A1 | 02 | 03 | 24 | 37 | 1747 | 122 |
| 147A2 | 02 | 03 | 27 | 46 | 1935 | 52 |
| 149D1 | 02 | 06 | 38 | 21 | 2723 | 48 |
| 150D1 | 02 | 08 | 05 | 54 | 2652 | 90 |
| 150D2 | 02 | 08 | 10 | 16 | 2914 | 31 |
| 151D1 | 02 | 09 | 31 | 33 | 2468 | 34 |
| 151D2 | 02 | 09 | 33 | 44 | 2599 | 42 |
| 151D3 | 02 | 09 | 37 | 29 | 2825 | 30 |
| 152D1 | 02 | 11 | 01 | 14 | 2525 | 293 |
| 160A1 | 02 | 22 | 38 | 38 | 1792 | 46 |
| 160D1 | 02 | 22 | 59 | 35 | 3050 | 42 |
| 162A1 | 03 | 01 | 34 | 26 | 1700 | 35 |
| 162A2 | 03 | 01 | 37 | 15 | 1869 | 49 |
| 163A1 | 03 | 03 | 03 | 52 | 1746 | 121 |
| 163A2 | 03 | 03 | 07 | 00 | 1934 | 52 |
| 164A1 | 03 | 04 | 32 | 31 | 1747 | 263 |
| 165D1 | 03 | 06 | 17 | 24 | 2721 | 49 |
| 166D1 | 03 | 07 | 44 | 53 | 2650 | 90 |

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|-------|----|----|----|----|------|-----|
| 166D2 | 03 | 07 | 49 | 14 | 2911 | 30 |
| 167D1 | 03 | 09 | 10 | 28 | 2466 | 34 |
| 167D2 | 03 | 09 | 12 | 39 | 2597 | 42 |
| 167D3 | 03 | 09 | 16 | 25 | 2823 | 30 |
| 168D1 | 03 | 10 | 40 | 04 | 2523 | 293 |
| 175A1 | 03 | 20 | 42 | 39 | 1454 | 34 |
| 176A1 | 03 | 22 | 10 | 27 | 1484 | 132 |

NOTE: THE ABOVE DATA APPLIES TO THE MASTER (FWD) UNIT ONLY. ADD 12 SECONDS TO GET CAMERA ON TIME AND PROGRAM ON TIME FOR THE SLAVE (AFT) UNIT. ON PASS 164A1, ONLY THE MASTER UNIT OPERATED (MONO MODE). ON PASS 116A1, ONLY THE SLAVE UNIT OPERATED (MONO MODE) AT THE FOLLOWING TIMES.

| | | | | | | |
|-------|----|----|----|----|------|-----|
| 116A1 | 31 | 05 | 31 | 55 | 1563 | 264 |
|-------|----|----|----|----|------|-----|

4. TIME CORRELATION (MILLISECONDS)

| PASS | CLOCK TIME | SYSTEM TIME | DIFFERENCE |
|------|------------|-------------|------------|
| 10 | 281448.721 | 59459.1616 | ----- |
| 16 | 314954.427 | 6564.8643 | .003 |
| 26 | 366866.516 | 58476.9479 | .005 |
| 32 | 400357.225 | 5567.6533 | .004 |
| 42 | 452247.052 | 57457.4744 | .006 |
| 48 | 485719.439 | 4529.8573 | .004 |
| 58 | 707.789 | 56389.1128 | .005 |
| 64 | 34106.825 | 3388.1444 | .004 |
| 74 | 85761.627 | 55042.9393 | .007 |
| 89 | 1194.642 | 2075.9496 | .005 |

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|-----|------------|------------|------|
| 90 | 171218.549 | 54099.8488 | .008 |
| 96 | 284632.224 | 1113.5187 | .005 |
| 106 | 256351.776 | 52833.0624 | .008 |
| 112 | 289860.462 | 86341.7428 | .006 |
| 122 | 341714.106 | 51795.3780 | .009 |
| 128 | 375161.360 | 85242.6260 | .006 |
| 138 | 426975.345 | 50656.6016 | .009 |
| 144 | 460391.223 | 84072.4733 | .006 |
| 154 | 512164.737 | 49445.9772 | .010 |
| 160 | 8638.543 | 82790.6886 | .006 |
| 170 | 60417.479 | 48169.6139 | .011 |
| 176 | 93561.624 | 81313.7519 | .007 |

NOTE: ALL "DIFFERENCE" VALUES ARE PLUS.

GP-1

T O P S E C R E T

-END OF MESSAGE-

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